

Title (en)
WATERPROOF AND BREATHABLE SHOE

Title (de)
WASSERDICHTER UND ATMUNGSAKTIVER SCHUH

Title (fr)
CHAUSSURE IMPERMÉABLE ET RESPIRANTE

Publication
EP 3331391 B1 20190612 (EN)

Application
EP 16745488 A 20160802

Priority
• IT UB20152773 A 20150803
• EP 2016068455 W 20160802

Abstract (en)
[origin: WO2017021418A1] A waterproof and breathable shoe (10), comprising an upper assembly (11) that wraps around the foot insertion region (A) and is associated, in its plantar region, with an outsole (12, 112, 212); the upper assembly (11) has a first portion (14) that is structured like an upper and a second portion (15), substantially a structural insert, that is structured like an assembly insole for the first portion (14) and is extended at least at the forefoot; the first portion (14) has at least one waterproof portion that is composed at least partly of a waterproof and breathable functional element that has a one piece sheet-like structure made of polymeric material that is impermeable to water and permeable to water vapor, constituting for the first portion (14) the structural layer of the upper of the waterproof and breathable shoe (10), at least one functional portion of the functional element having such a thickness as to give it a penetration resistance of more than approximately 10 N, assessed according to the methodology presented in chapter 5.8.2 of the ISO 20344-2004 standard.

IPC 8 full level
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Citation (opposition)
Opponent : W.L. Gore & Associates GmbH,
• DE 10058094 C1 20020502 - GORE W L & ASS GMBH [DE]
• AT 393942 B 19920110 - RICHTER HERBERT [AT]
• EP 2742820 A1 20140618 - GORE W L & ASS GMBH [DE], et al
• WO 2014128684 A1 20140828 - PIEROBON ROBERTO [IT]
• EP 2298100 A1 20110323 - GEOX SPA [IT]
• US 2010180474 A1 20100722 - CLARK DOUGLAS E [US], et al
• EP 0689500 A1 19960103 - GORE & ASS [US]
• US 2010041295 A1 20100218 - MALZ HAUKE [DE], et al
• EP 0714612 A1 19960605 - GORE W L & ASS GMBH [DE]
• WO 2012041637 A1 20120405 - GEOX SPA [IT], et al
• MAX BLATTNER: "Fachbuch -Alles über Schuhe", Schweizer Schuhhändler Verband", 2003, article MAX BLATTNER: "Fachbuch -Alles über Schuhe", Schweizer Schuhhändler Verband", pages: IV-4 - 5, VI-2-5, VI-2-6, X-2-1, XP055705369
• SHISHOO: "Textiles in sport", 2005, article "Textile use in sport shoes", pages: 339 - 351, XP055705363

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